

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20050145339"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 09:16
S2	2	("4893584" "5328515").PN.	US-PGPUB; USPAT	OR	ON	2006/07/07 12:42
S3	41	(Seitaro near2 Matsuo).in. (Toshiyuki near2 Nozaki).in. (Fumio near2 Tanaka).in.	US-PGPUB; USPAT	OR	ON	2006/07/07 20:09
S4	10	S3 and ECR	US-PGPUB; USPAT	OR	ON	2006/07/07 11:03
S5	2	S4 and (standing adj wave\$2)	US-PGPUB; USPAT	OR	ON	2006/07/07 10:13
S6	1	"20040173155"	US-PGPUB; USPAT	OR	ON	2006/07/07 11:32
S7	25894	(ntt or nippon).as.	US-PGPUB; USPAT	OR	ON	2006/07/07 11:33
S8	74	S7 and ecr	US-PGPUB; USPAT	OR	ON	2006/07/07 11:34
S9	75	S4 or S8	US-PGPUB; USPAT	OR	ON	2006/07/07 20:12
S10	4	S9 and (rectangl\$3 or (standing same terminat\$3))	US-PGPUB; USPAT	OR	ON	2006/07/07 11:42
S11	685	(118/723MMW 156/345.36,345.41,345.42,345.46,345.49)".cols"	US-PGPUB; USPAT	OR	ON	2006/07/07 16:56
S12	388263	("204"/\$ "216"/\$ "219"/\$ "315"/\$ "427"/\$ "438"/\$).cols.	US-PGPUB; USPAT	OR	ON	2006/07/07 11:46

S13	615	S12 and (microwave and waveguide and ECR)	US-PGPUB; USPAT	OR	ON	2006/07/07 17:03
S14	1238	S11 or S13	US-PGPUB; USPAT	OR	ON	2006/07/07 13:13
S15	7	S14 and (rectang\$4 and (standing same terminat\$4))	US-PGPUB; USPAT	OR	ON	2006/07/07 11:47
S16	32	S11 and ((magnetic adj field) near\$5 (static stationary))	US-PGPUB; USPAT	OR	ON	2006/07/07 12:43
S17	27	S16 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2006/07/07 14:19
S18	3	(waveguide same cavity) and axcelis.as.	US-PGPUB; USPAT	OR	ON	2006/07/07 13:03
S19	3	(waveguide same cavity) and srivastava.in.	US-PGPUB; USPAT	OR	ON	2006/07/07 13:04
S20	11	(microwave same cavity) and srivastava.in.	US-PGPUB; USPAT	OR	ON	2006/07/07 13:10
S21	2	"5961851".pn. "6057645".pn.	US-PGPUB; USPAT	OR	ON	2006/07/07 13:10
S22	43	S14 and (waveguide same slot\$2 same wavelength)	US-PGPUB; USPAT	OR	ON	2006/07/07 13:13
S23	31	S22 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2006/07/07 16:55
S24	2	"5389154".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; BM_TDB	OR	ON	2006/07/07 14:16
S25	0	S14 and ((slot\$2 opening\$2 passage\$2 hole\$2 slit\$2) near\$6 wavelength) same (inphase or (in adj phase))	US-PGPUB; USPAT	OR	ON	2006/07/07 14:18
S26	57	S14 and ((slot\$2 opening\$2 passage\$2 hole\$2 slit\$2) near\$6 wavelength)	US-PGPUB; USPAT	OR	ON	2006/07/07 14:19
S27	44	S26 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2007/07/09 09:18

S28	15	S14 and ((slot\$2 opening\$2 passage\$2 hole\$2 slit\$2) near6 (plural\$3 same wavelength))	US-PGPUB; USPAT	OR	ON	2006/07/07 14:20
S29	11	S28 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2006/07/07 14:20
S30	8	S14 and (waveguide same slot\$2 same wavelength same plurality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 16:52
S31	2	"5389154".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 16:52
S32	95	S11 and (cavity same resona\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 16:57
S33	86	S32 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2006/07/07 16:57
S34	0	("345.42,345.46,345.49").ccls"	US-PGPUB; USPAT	OR	ON	2006/07/07 16:56
S35	0	("345.42,345.46,345.49").ccls"	US-PGPUB; USPAT	OR	ON	2006/07/07 16:56
S36	406	156/345.42,345.46,345.49.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/07 16:57
S37	32	S36 and (cavity same resona\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 17:01

S38	31	S37 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2006/07/07 17:08
S39	2	S36 and (cavity same (resona\$3 same termin\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; BM_TDB	OR	ON	2006/07/07 17:03
S40	1	S12 and ((waveguide and ECR) same (cavity same (resona\$3 same termin\$5)))	US-PGPUB; USPAT	OR	ON	2006/07/07 17:04
S41	7	S12 and ((waveguide and ECR) and (cavity same (resona\$3 same termin\$5)))	US-PGPUB; USPAT	OR	ON	2006/07/07 17:05
S42	8	S12 and (ECR and (cavity same (resona\$3 same termin\$5)))	US-PGPUB; USPAT	OR	ON	2006/07/07 17:06
S43	239	S12 and (cavity same (resona\$3 same termin\$5))	US-PGPUB; USPAT	OR	ON	2006/07/07 17:07
S44	3209	S12 and (cavity same resona\$3)	US-PGPUB; USPAT	OR	ON	2006/07/07 17:08
S45	722	S12 and (waveguide same cavity same resona\$3)	US-PGPUB; USPAT	OR	ON	2006/07/07 17:13
S46	73	S45 and ECR	US-PGPUB; USPAT	OR	ON	2006/07/07 17:15
S47	70	S46 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2006/07/07 17:46
S48	75	S14 and ((microwave same (cavity same resona\$3)) and (cavity same (slot\$2 hole\$2 opening\$2 passage\$2 slit\$2)))	US-PGPUB; USPAT	OR	ON	2006/07/07 17:15
S49	45	S48 and ECR	US-PGPUB; USPAT	OR	ON	2006/07/07 17:15
S50	45	S49 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2006/07/07 17:44
S51	99447	(cavity same (end termin\$5)) same (hole opening slot slit passage)	US-PGPUB; USPAT	OR	ON	2006/07/07 17:45
S52	57	S51 and S14	US-PGPUB; USPAT	OR	ON	2006/07/07 17:45

S53	46	S52 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2006/07/07 18:59
S54	1030	waveguide same (cavity near4 resona\$4)	EPO; JPO; DERWENT	OR	ON	2006/07/07 18:57
S55	18	S54 and (termin\$5 same (hole opening))	EPO; JPO; DERWENT	OR	ON	2006/07/07 18:58
S56	2910	waveguide same (cavity near4 resona\$4)	US-PGPUB; USPAT	OR	ON	2006/07/07 18:58
S57	0	S56 and (termin\$5 same (hole opening))	EPO; JPO; DERWENT	OR	ON	2006/07/07 18:58
S58	0	S56 and (end same (hole opening))	EPO; JPO; DERWENT	OR	ON	2006/07/07 18:58
S59	729	S56 and (end same (hole opening))	US-PGPUB; USPAT	OR	ON	2006/07/07 18:59
S60	368	S56 and (end near6 (hole opening))	US-PGPUB; USPAT	OR	ON	2006/07/07 18:59
S61	285	S60 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2006/07/07 18:59
S62	8	S11 and S61	US-PGPUB; USPAT	OR	ON	2006/07/07 19:00
S63	10	S3 and ECR	US-PGPUB; USPAT	OR	ON	2006/07/07 20:09
S64	8	S8 and (waveguide and cavity)	US-PGPUB; USPAT	OR	ON	2006/07/07 20:13
S65	4	"2001011525"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 11:20
S66	0	"2001011525"	US-PGPUB; USPAT	OR	ON	2006/12/28 11:21
S67	1	"20010011525"	US-PGPUB; USPAT	OR	ON	2006/12/28 11:21

S68	17	(US-20010011525-\$).did. or (US-6796268-\$ or US-5389154-\$ or US-5961851-\$ or US-6034346-\$ or US-4492620-\$ or US-5587205-\$ or US-5489362-\$ or US-5714009-\$ or US-5843236-\$ or US-5466295-\$ or US-5902404-\$ or US-5389153-\$ or US-6246175-\$ or US-5336533-\$ or US-5069928-\$ or US-4401054-\$).did	US-PGPUB; USPAT	OR	ON	2006/12/28 11:56
S69	2	S68 and ((microwave\$2 with phase) same (slot\$2 slit\$2 opening\$2))	US-PGPUB; USPAT	OR	ON	2006/12/28 11:59
S70	1017	(118/723MMW 156/345.36,345.41,345.42,345.46,345.49).cds.	US-PGPUB; USPAT	OR	ON	2006/12/28 11:59
S71	21	S70 and ((microwave\$2 with phase) same (slot\$2 slit\$2 opening\$2))	US-PGPUB; USPAT	OR	ON	2006/12/28 12:00
S72	22	S70 and ((microwave\$2 with phase) same ((slot\$2 slit\$2 opening\$2) or node\$2))	US-PGPUB; USPAT	OR	ON	2006/12/28 12:12
S73	14	S72 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2006/12/28 12:13
S74	11	S70 and ((microwave\$2 with phase) same ((slot\$2 slit\$2 opening\$2) or node\$2) and (standing adj wave\$2))	US-PGPUB; USPAT	OR	ON	2006/12/28 12:14
S75	6	S74 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2006/12/28 12:14
S76	69	((microwave\$2 with phase) same ((slot\$2 slit\$2 opening\$2) or node\$2) and (standing adj wave\$2))	US-PGPUB; USPAT	OR	ON	2006/12/28 12:30
S77	50	S76 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2006/12/28 12:31
S78	27	((microwave\$2 with phase) and ((waveguide\$2 same (slot\$2 slit\$2 opening\$2)) and node\$2) and (standing adj wave\$2))	US-PGPUB; USPAT	OR	ON	2006/12/28 12:31
S79	14	S78 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2006/12/28 12:34
S80	25	(waveguide\$2 same (slot\$2 slit\$2 opening\$2) same (standing adj wave\$2)) and (microwave\$2 near\$ phase)	US-PGPUB; USPAT	OR	ON	2006/12/28 12:57
S81	14	S80 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2006/12/28 12:58
S82	10	S81 not S79	US-PGPUB; USPAT	OR	ON	2006/12/28 12:34

S83	10	(waveguide\$2 same ((slot2 slit\$2 opening\$2) with wavelength) and (standing adj wave\$2) and (microwave\$2 near5 phase))	US-PGPUB; USPAT	OR	ON	2006/12/28 12:51
S84	4	S83 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2006/12/28 12:39
S85	0	(waveguide\$2 same ((slot2 slit\$2 opening\$2) with wavelength) and (standing adj wave\$2) and (microwave\$2 near5 phase))	EPO; JPO; DERWENT	OR	ON	2006/12/28 12:52
S86	1	(waveguide\$2 same (slot2 slit\$2 opening\$2) and (standing adj wave\$2) and (microwave\$2 near5 phase))	EPO; JPO; DERWENT	OR	ON	2006/12/28 12:54
S87	1	(waveguide\$2 and (slot2 slit\$2 opening\$2) and (standing adj wave\$2) and (microwave\$2 near5 phase))	EPO; JPO; DERWENT	OR	ON	2006/12/28 12:53
S88	3	(waveguide\$2 and (slot2 slit\$2 opening\$2) and wavelength and (microwave\$2 near5 phase))	EPO; JPO; DERWENT	OR	ON	2006/12/28 12:54
S89	2361	microwave\$2 and waveguide\$2 and plasma	EPO; JPO; DERWENT	OR	ON	2006/12/28 12:54
S90	0	S89 and ((slot2 slit\$2 openings\$2) and (standing adj wave\$2) and (microwave\$2 near5 phase))	EPO; JPO; DERWENT	OR	ON	2006/12/28 12:55
S91	4	S89 and ((slot2 slit\$2 opening\$2) and (microwave\$2 near5 phase))	EPO; JPO; DERWENT	OR	ON	2006/12/28 12:57
S92	117	(waveguide\$2 and (slot2 slit\$2 opening\$2) and wavelength and (standing adj wave\$2) and (microwave\$2 near5 phase))	US-PGPUB; USPAT	OR	ON	2006/12/28 12:58
S93	79	S92 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2006/12/28 12:58
S94	1	"02537304"	US-PGPUB; USPAT; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/08 15:36
S95	0	"02537304"	EPO; JPO; DERWENT	OR	ON	2007/07/08 15:36
S96	3	"2537304"	EPO; JPO; DERWENT	OR	ON	2007/07/08 15:37
S97	1	"5185132".pn.	US-PGPUB; USPAT	OR	ON	2007/07/08 15:40

S98	933	(microwave\$2 and (ECR cyclotron) and (cavit\$4 resona\$4 and wavelength and (slot\$2 slit\$2 opening\$2))	US-PGPUB; USPAT	OR	ON	2007/07/08 15:42
S99	400	(microwave\$2 and (ECR cyclotron) and (cavit\$4 resona\$4 and wavelength and alternate\$3 and (slot\$2 slit\$2 opening\$2))	US-PGPUB; USPAT	OR	ON	2007/07/08 15:42
S100	242	S99 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2007/07/08 16:47
S101	1	("3814983").PN. OR ("6246175").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/08 16:44
S102	2594	(microwave\$2 and ((waveguide applicator cavit\$3 resona\$4 same (slot\$2 slit\$2 opening\$2) same wavelength))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/08 17:00
S103	96	S102 and (118/715-733 156/345.\$2).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/08 17:02
S104	54	S103 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2007/07/08 16:54
S105	1430	S102 and ("333"/\$ "343"/\$).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/08 16:53
S106	14	S102 and ("333"/\$ "343"/\$).ccls. and (ECR cyclotron)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/08 16:56
S107	9	S106 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2007/07/08 16:56
S108	172	S102 and ("333"/\$ "343"/\$).ccls. and (plasma discharge)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/08 16:59
S109	48	S108 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2007/07/08 16:59
S110	5702	("333"/\$ "343"/\$).ccls. and (plasma discharge)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/08 16:59
S111	1708	S110 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2007/07/08 17:00
S112	53	S111 and (microwave\$2 and ((waveguide applicator cavit\$3 resona\$4 antenna\$2) same (slot\$2 slit\$2 opening\$2) same wavelength))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/08 17:09
S113	681	S102 and ("216"/\$ "219"/\$ "315"/\$ "438"/\$).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/08 17:03

S114	45	S113 and ((plasma discharge) and (ECR cyclotron))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/08 17:04
S115	13	("4401054" "5370765" "5483248" "5707452").PN. OR ("5975014").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/08 17:06
S116	1	S111 and (((slot\$3 near3 antenna\$2) same resona\$4) and (ECR cyclotron))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/08 17:11
S117	12	S111 and ((slot\$3 near3 antenna\$2) same resona\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/08 17:12
S118	16	S111 and ((slot\$3 near3 (waveguide cavity applicator)) same resona\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/08 17:14
S119	13	S111 and (((slot\$3 near3 (waveguide cavity applicator)) same wavelength)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/08 17:14
S120	60	((waveguide applicator) with resona\$4 with cavit\$3) same (slot\$2 slit\$2 opening\$2)	US-PGPUB; USPAT	OR	ON	2007/07/09 09:46
S121	45	S120 and @ad< "20020419"	US-PGPUB; USPAT	OR	ON	2007/07/09 09:47
S122	9	("3622732" "4160145" "4324965" "4364859" "4389355" "4460522" "5589140" "6097019" "6121595").PN. OR ("6437303").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 09:34
S123	16	("3439143" "3507050").PN. OR ("3622732").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 09:39
S124	36	("1788538" "1849656" "2540488" "2585563" "3046503" "3271706" "3597710" "3611214" "3621483" "3634788" "3639862" "3819900" "3838368" "3949327" "4155056" "4492020" "4626809" "4646039" "4673903" "4749973" "5004993" "5243618" "5357591" "5381596" "5598300" "5600740" "5715271").PN. OR ("6169466").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 09:42
S125	32	((antenna\$2 with resona\$4 with cavit\$3) same (slot\$2 slit\$2 opening\$2))	US-PGPUB; USPAT	OR	ON	2007/07/09 09:47
S126	23	S125 and @ad< "20020419"	US-PGPUB; USPAT	OR	ON	2007/07/09 10:59
S127	8688	(waveguide\$2 applicator\$2) with (resona\$4 or (standing adj wave\$2))	US-PGPUB; USPAT	OR	ON	2007/07/09 10:31

S128	92	((waveguide\$2 applicator\$2) with (resona\$4 or (standing adj wave\$2)) with wavelength with (slot\$2 slit\$2 opening\$2))	US-PGPUB; USPAT	OR	ON	2007/07/09 10:58
S129	63	S128 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2007/07/09 10:32
S130	393	((waveguide\$2 applicator\$2) same (resona\$4 or (standing adj wave\$2)) same wavelength same (slot\$2 slit\$2 opening\$2))	US-PGPUB; USPAT	OR	ON	2007/07/09 10:58
S131	108	((waveguide\$2 applicator\$2) same (resona\$4 or (standing adj wave\$2)) same wavelength same (slot\$2 slit\$2 opening\$2)) and (plasma discharge)	US-PGPUB; USPAT	OR	ON	2007/07/09 10:59
S132	69	S131 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2007/07/09 10:59
S133	61	S132 not S129	US-PGPUB; USPAT	OR	ON	2007/07/09 10:59
S134	1090	"197113"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 14:45
S135	0	"197113" and Yoshiki.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 14:45
S136	1	"20050145339"	US-PGPUB; USPAT	OR	ON	2008/02/16 13:09
S137	28	("4401054" "4450031" "4492620" "4503807" "4534842" "4564997" "4566940" "5270616" "5292370" "5346579" "5370765" "5411591" "5483248" "5529632" "5562775").PN. OR ("5707452").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/16 18:43
S138	0	"2001011525"	US-PGPUB; USPAT	OR	ON	2008/02/17 09:20
S139	0	"200100011525"	US-PGPUB; USPAT	OR	ON	2008/02/17 09:20

S140	1	"20010011525"	US-PGPUB; USPAT	OR	ON	2008/02/17 09:20
S141	39	(US-20010011525-\$ or US-20010008122-\$).did. or (US-6437303-\$ or US-6417625-\$ or US-5369414-\$ or US-5243309-\$ or US-5608363-\$ or US-5019831-\$ or US-5336533-\$ or US-4185213-\$ or US-4160145-\$ or US-7091457-\$ or US-6121595-\$ or US-3705283-\$ or US-6034346-\$ or US-5587205-\$ or US-6744802-\$ or US-5902404-\$ or US-5531877-\$ or US-5389154-\$ or US-6497783-\$ or US-5843236-\$ or US-4492620-\$ or US-4401054-\$ or US-4567401-\$ or US-5975014-\$ or US-5289200-\$ or US-5714009-\$).did. or (US-5489362-\$ or US-5707452-\$ or US-5466295-\$ or US-5961851-\$ or US-6796268-\$ or US-6607633-\$ or US-6246175-\$ or US-5389153-\$ or US-5874706-\$ or US-5069928-\$ or US-6847003-\$).did.	US-PGPUB; USPAT	OR	ON	2008/02/17 09:23
S142	33	S141 and ((resona\$4 with cavity) or (ECR cyclotron))	US-PGPUB; USPAT	OR	ON	2008/02/17 09:24
S143	32	S142 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2008/02/17 09:25
S144	566	(microwave\$2 same ((in adj phase) or superpose\$3 superimpose\$3 coheren\$3)) and plasma	US-PGPUB; USPAT	OR	ON	2008/02/17 11:17
S145	348	S144 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2008/02/17 11:17
S146	123	(cavity same (termin\$5 same (slit\$3 slot\$3 opening\$3 hole\$3 aperture\$3))) and microwave\$3 and plasma	US-PGPUB; USPAT	OR	ON	2008/02/17 11:30
S147	46	S146 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2008/02/17 11:30
S148	7	("3008099" "3737816" "3889213" "4396896" "4761625" "5061912").PN. OR ("5243309").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/17 11:33
S149	27	("4943345" "5049843" "5111111" "5132105" "5350454" "5385624" "5389153" "5389154").PN. OR ("5489362").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/17 11:34
S150	400	microwave\$2 and (cavity with resona\$5 with (standing adj wave\$2))	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/17 11:50
S151	194	S150 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2008/02/17 11:50

S152	187	S151 not S145	US-PGPUB; USPAT	OR	ON	2008/02/17 11:51
S153	184	S152 not S146	US-PGPUB; USPAT	OR	ON	2008/02/17 11:51
S154	36	S153 and plasma	US-PGPUB; USPAT	OR	ON	2008/02/17 11:51
S155	151	S152 not S154	US-PGPUB; USPAT	OR	ON	2008/02/17 11:58
S156	0	(cavity same (slot\$3 slit\$2 opening\$2 aperture\$2 hole\$2) same (microwave\$2 with (in adj phse)) same (standing adj wave\$2))	US-PGPUB; USPAT	OR	ON	2008/02/17 12:08
S157	0	(resona\$4 same (slot\$3 slit\$2 opening\$2 aperture\$2 hole\$2) same (microwave\$2 with (in adj phse)) same (standing adj wave\$2))	US-PGPUB; USPAT	OR	ON	2008/02/17 12:08
S158	0	(resona\$4 same (slot\$3 slit\$2 opening\$2 aperture\$2 hole\$2) same (microwave\$2 with (in adj phse)))	US-PGPUB; USPAT	OR	ON	2008/02/17 12:09
S159	0	(cavity same (slot\$3 slit\$2 opening\$2 aperture\$2 hole\$2) same (microwave\$2 with (in adj phse)))	US-PGPUB; USPAT	OR	ON	2008/02/17 12:09
S160	0	(cavity same (slot\$3 slit\$2 opening\$2 aperture\$2 hole\$2)) and (microwave\$2 with (in adj phse))	US-PGPUB; USPAT	OR	ON	2008/02/17 12:09
S161	41	(cavity same (slot\$3 slit\$2 opening\$2 aperture\$2 hole\$2)) and (microwave\$2 with (superpose\$3 superimpose\$3))	US-PGPUB; USPAT	OR	ON	2008/02/17 12:10
S162	33	S161 and @ad< "20020419"	US-PGPUB; USPAT	OR	ON	2008/02/17 12:10
S163	1087	118/723MW,723MA.cds. 156/345.41,345.42,345.46,345.49. cds.	US-PGPUB; USPAT	OR	ON	2008/02/17 12:43
S164	796	S163 and @ad< "20020419"	US-PGPUB; USPAT	OR	ON	2008/02/17 12:43
S165	4	S164 and ((ECR cyclotron) and rectang\$5 and ((cavity resona \$4) same (slot\$2 slit\$2 opening\$2 aperture\$2 hole\$2) same (standing adj wave\$2)))	US-PGPUB; USPAT	OR	ON	2008/02/17 12:45
S166	42	S164 and ((ECR cyclotron) and rectang\$5 and ((cavity resona \$4) same (slot\$2 slit\$2 opening\$2 aperture\$2 hole\$2)))	US-PGPUB; USPAT	OR	ON	2008/02/17 12:46

S167	42	S164 and ((ECR cyclotron) and rectang\$5 and ((cavity resona\$4) same (slot\$2 slit\$2 opening\$2 aperture\$2 hole\$2)))	US-PGPUB; USPAT	OR	ON	2008/02/17 13:00
S168	1087	118/723MW,723MA.cds. 156/345.41,345.42,345.46,345.49. cds.	US-PGPUB; USPAT	OR	ON	2008/02/17 16:43
S169	796	S168 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2008/02/17 16:43
S170	142	S169 and ((ECR cyclotron) and rectang\$5 and (cavity resona\$4))	US-PGPUB; USPAT	OR	ON	2008/02/17 16:43
S171	42	S169 and ((ECR cyclotron) and rectang\$5 and ((cavity resona\$4) same (slot\$2 slit\$2 opening\$2 aperture\$2 hole\$2)))	US-PGPUB; USPAT	OR	ON	2008/02/17 16:43
S172	100	S170 not S171	US-PGPUB; USPAT	OR	ON	2008/02/17 16:43
S173	1	"6463874".pn.	US-PGPUB; USPAT	OR	ON	2008/02/17 19:58
S174	8	("4393091" "4763601" "4894584" "5207885" "5514217").PN. OR ("6463874").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/17 20:21
S175	6552	((waveguide antenna\$2 with termin\$5) same (slot\$2 opening\$2 hole\$2 slit\$2 aperture\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/18 08:34
S176	1707	((waveguide antenna\$2 cavity) with termin\$5) same resona\$4 same (slot\$2 opening\$2 hole\$2 slit\$2 aperture\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/18 08:35
S177	6	S176 and (118/715-733.cds. 156/345.\$2.cds.)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/18 08:35
S178	1087	118/723MW,723MA.cds. 156/345.41,345.42,345.46,345.49. cds.	US-PGPUB; USPAT	OR	ON	2008/02/18 08:59
S179	796	S178 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2008/02/18 08:59
S180	28	S179 and ((ECR cyclotron) and rectang\$5 and ((cavity resona\$4 waveguide antenna) same termina\$4))	US-PGPUB; USPAT	OR	ON	2008/02/18 08:59
S181	266	((ECR cyclotron) and rectang\$5 and ((cavity resona\$4 waveguide antenna) same termina\$4))	US-PGPUB; USPAT	OR	ON	2008/02/18 09:53
S182	149	S181 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2008/02/18 09:53
S183	122	S182 AND RESONANCE	US-PGPUB; USPAT	OR	ON	2008/02/18 09:54

S184	49	S183 AND (118/715-733.ccls. 156/345.\$2.ccls.)	US-PGPUB; USPAT	OR	ON	2008/02/18 09:54
S185	21	S184 not S180	US-PGPUB; USPAT	OR	ON	2008/02/18 09:55
S186	73	S183 not S184	US-PGPUB; USPAT	OR	ON	2008/02/18 09:59
S187	30463	(cavity resona\$4 waveguide antenna) same ((slot\$2 slit\$2 aperture\$2 hole\$2 opening\$2) same resona\$4)	US-PGPUB; USPAT	OR	ON	2008/02/18 10:08
S188	16670	(cavity resona\$4 waveguide antenna) same ((slot\$2 slit\$2 aperture\$2 hole\$2 opening\$2) with resona\$4)	US-PGPUB; USPAT	OR	ON	2008/02/18 10:08
S189	165	S188 and (118/715-733.ccls. 156/345.\$2.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/18 10:08
S190	115	S189 and @ad<"20020419"	US-PGPUB; USPAT	OR	ON	2008/02/18 10:09
S191	1	(plasma and microwave\$2 and (cavity same (terminat short \$4) same (hole\$2 slit\$2 aperture\$2 opening\$2 slot\$2))),.clm.	US-PGPUB; USPAT	OR	OFF	2008/09/16 16:21

9/17/2008 8:56:01 AM

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